

FUTURE FISHERIES IMPROVEMENT PROGRAM GRANT APPLICATION

Please fill in the highlighted areas
all sections (IA, IB, IC, etc.) must be addressed or the application will be considered invalid

I. APPLICANT INFORMATION

- A. Applicant Name: Turner Enterprises, Inc.
- B. Mailing Address: 901 Technology Blvd.
- C. City: Bozeman State: MT Zip: 59718
- Telephone: (406) 556-8500 E-mail: Carter.Kruse@retranches.com
- D. Contact Person: Carter Kruse
- Address if different from Applicant: _____
- City: _____ State: _____ Zip: _____
- Telephone: _____ E-mail: _____
- E. Landowner and/or Lessee Name
(if other than Applicant): Same as above
- Mailing Address: _____
- City: _____ State: _____ Zip: _____
- Telephone: _____ E-mail: _____

II. PROJECT INFORMATION*

- A. Project Name: North Fork Spanish Creek Fish Barrier
- River, stream, or lake: North Fork Spanish Creek, Chiquita Lake, Big Brother Lake
- Location: Township: T04S Range: R03E Section: 19, SW 1/4
- Latitude: 45.467774 Longitude: -111.410865 *within project (decimal degrees)*
- County: Madison
- B. Purpose of Project: _____

Future Fisheries funded \$60,000 of the original cost estimate of \$239,700 of the proposed North Fork Spanish Creek fish barrier project. When it came to contracting, the harsh reality of increasing construction costs in the Bozeman market precluded our partnership from moving forward with a construction contract. The partnership concluded that the cost overruns would not stop the progression of this worthwhile project. North Fork Spanish Creek has been deemed the best and largest opportunity to restore native westslope cutthroat trout in the entire Gallatin River sub-basin. Partners pulled together raising the additional \$189,964 needed to cover the total construction costs of \$430,000. The Custer Gallatin National Forest contributed additional funds over what they originally contributed plus an additional \$150,000 was raised from five additional funding sources including USFS Region 1, Northwestern Energy, Madison Gallatin Trout Unlimited, Montana Trout Unlimited, and Arctic Grayling Recovery Fund. We are asking Future Fisheries to fund an additional \$27,500 to make the project whole. The construction contract has been signed between Bairco Construction and Turner Enterprises, Inc., but TEI is temporarily covering the remaining cost overrun of which we are now applying. Other in-kind costs of piscicide treatments and restoration of WCT will be incurred by TEI, MFWP, and the USFS – these are not included in this budget.

Return of Westslope Cutthroat Trout (WCT) and Arctic Grayling to approximately 17 miles of historical stream habitat and 9 acres of high mountain lake habitat.

Westslope Cutthroat Trout - *Oncorhynchus clarkii lewisi* (WCT) - were first described by the Lewis and Clark Expedition in 1805 near Great Falls, Montana, and are recognized as one of 14 interior subspecies of cutthroat trout. The historical range of WCT includes Idaho, Montana, Washington, Wyoming, and Alberta, Canada. In Montana, WCT occupy the Upper Missouri and Saskatchewan River drainages east of the Continental Divide, and the Upper Columbia Basin west of the Divide. Although still widespread, WCT distribution and abundance in Montana has declined significantly in the past 100 years due to a variety of causes including introductions of nonnative fish, habitat degradation, and over-exploitation (Hanzel 1959, Liknes 1984, McIntyre and Rieman 1995, Shepard et al. 1997, Shepard et al. 2003). Reduced distribution of WCT is particularly evident in the Missouri River drainage where genetically unaltered WCT are estimated to persist in less than 5% of the habitat they once occupied, with most remaining populations restricted to isolated headwater habitats (Shepard et al. 2003; Shepard et al. 2005).

The declining status of WCT has led to its designation as a Species of Special Concern by the State of Montana, a Sensitive Species by the U.S. Forest Service (USFS), and a Special Status Species by the Bureau of Land Management (BLM). In addition, in 1997 a petition was submitted to the U.S. Fish and Wildlife Service (USFWS) to list WCT as “threatened” under the Endangered Species Act (ESA). USFWS status reviews have found that WCT are “not warranted” for ESA listing (DOI 2003); however, this finding was in litigation until 2008. Additional efforts to list WCT under ESA are inevitable.

In an effort to advance range-wide WCT conservation efforts in Montana a Memorandum of Understanding and Conservation Agreement for Westslope Cutthroat Trout in Montana was developed in 1999 by several federal and state resource agencies (including the BLM, Montana Fish, Wildlife & Parks [FWP], the USFS, and Yellowstone National Park [YNP]), non-governmental conservation and industry organizations, tribes, resource users, and private landowners (FWP 1999: MOU). The MOU outlined goals and objectives for WCT conservation in the Montana, which if met, would significantly reduce the need for special status designations and listing of WCT under the ESA. The MOU was revised and endorsed by signatories in 2007 (FWP 2007). As outlined in these MOU's, the primary management goal for WCT in Montana is to ensure the long-term self-sustaining persistence of the subspecies in its historical range. This goal can be achieved by maintaining, protecting, and enhancing all designated WCT “conservation” populations, and by reintroducing WCT to habitats where they have been extirpated.

C. Brief Project Description:

This proposal is part of ongoing efforts throughout Montana to restore WCT to historically occupied habitats. We propose construction of a concrete fish barrier, removal of non-native trout, and re-colonization of resulting fishless habitat with locally obtained native WCT (e.g. Wildhorse Creek, Bostwick Creek, and Elkhorn Creek [restored habitat]). This project would increase the miles of stream that support WCT in the Gallatin River drainage by over threefold. This effort would greatly reduce the risk of extinction of WCT in the Gallatin River and its tributaries.

Project Objectives:

The proposed project would restore WCT to 17 miles of high quality stream habitat in four (North Fork, Willow Swamp, Placer, and Camp Creeks) interconnected tributaries and nine acres in two headwater high mountain lakes (Big Brother and Chiquita).

Once all existing fish are removed, FWP proposes to introduce genetically pure WCT from neighboring populations within the Gallatin River basin or nearest neighbor basins. Additionally, Big Hole River stock of fluvial Arctic grayling are slated to be introduced into the lower reaches of the North Fork Spanish Creek above the proposed barrier. Stream habitat within the proposed project area is capable of sustaining a large population of WCT. The involved parties anticipate the project taking up to seven years – construction of barrier to re-introduction of WCT - depending on environmental factors (weather, high stream flows, etc.). The removal of non-native trout and restocking with genetically pure westslope cutthroat trout would fall under the authority of FWP.

Activities Proposed: A conceptual design has been developed for the proposed fish barrier (Pioneer Technical Services, Bozeman, MT). Site characteristics, specifically an incised channel and construction access make the proposed site a good candidate for a fish barrier. The fish barrier would be constructed of cast in place concrete. Design elements include wing walls and a sloped apron. Water velocities and drop are the key elements to blocking upstream fish passage (see attached technical memo). After construction of the fish barrier, EPA registered piscicides (rotenone) will be used to remove non-native trout (Brook, Rainbow, and Brown trout). Prior to any treatments with piscicides a joint EA – USFS and Montana Fish, Wildlife & Parks - will be developed and the project vetted with the public. An initial scoping letter has been mailed to people, agencies, and those who might have an interest in the project.

Methodology:

Fish barriers have been used with great success in Montana to protect existing miles of stream holding WCT. Fish barriers have also been used to expand populations into historically occupied habitat. Fish barriers require locations that have incised channels, bedrock if possible, and some protection from illegal transfers of non-native fish by intentional or unintentional saboteurs. A preliminary design and cost opinion has been completed with funding from Turner Enterprises, Inc. Ideally, construction would proceed in the late summer of 2017. After construction of the fish barrier, piscicide removals of non-native brook trout and hybridized WCT will be completed by FWP and USFS personnel. Re-colonization of fishless habitat will be from nearest neighbor WCT populations obtained from isolets in the Gallatin or Madison Drainage. Non-hybridized WCT will be identified using genetic testing of individual fish (SNPS methodology).

D. Length of stream or size of lake that will be treated: 17 miles of stream and 9 lake acres

E. Project Budget:

Grant Request (Dollars): \$ \$27,500 (additional to the \$60,000 previously funded)

North Fork Spanish Creek barrier supplement

Contribution by Applicant (Dollars): \$ **30,000 (survey & design)** In-kind \$ **40,000 (construction)**
(salaries of government employees are not considered as matching contributions)

Contribution from other Sources (Dollars): \$ **0** In-kind \$ **\$60,000 (Future Fish)**
\$302,500 (All Others)
(attach verification - See page 2 budget template)

Total Project Cost: \$ 460,000

F. Attach itemized (line item) budget – see template

Attach **specific project plans, detailed sketches, plan views, photographs, maps, evidence of landowner consent, evidence of public support and fish biologist support, and/or other**
G. **information necessary to evaluate the merits of the project. If project involves water leasing or water salvage complete a *supplemental questionnaire***
(fwp.mt.gov/habitat/futurefisheries/supplement2.doc).

H. **Attach land management & maintenance plans that will ensure protection of the reclaimed area.**

III. PROJECT BENEFITS*

A. What species of fish will benefit from this project?:

Westslope Cutthroat Trout (*Oncorhynchus clarkii lewisi*) and fluvial Arctic grayling (*Thymallus arcticus*)

B. How will the project protect or enhance wild fish habitat?:

This project will have negligible effect on fish habitat. This project will have hugely positive impacts on native WCT in the Gallatin River drainage. Without this project, there is a good chance populations of WCT in the Gallatin basin will go extinct. The genetic legacy of locally adapted WCT in the Gallatin will be lost forever.

C. Will the project improve fish populations and/or fishing? To what extent?:

The project will improve fishing for native WCT in USFS wilderness streams and in two lakes in the North Fork Spanish Creek drainage.

D. Will the project increase public fishing opportunity for wild fish and, if so, how?:

No change for wild fish, change in accessibility and opportunity to catch native WCT.

E. The project agreement includes a 20-year maintenance commitment. Please discuss your ability to meet this commitment.

Montana Fish, Wildlife & Parks and Turner Enterprises are committed to protecting and restoring WCT populations. In Turner Enterprises case, the Cherry Creek restoration indicates willingness to work through all obstacles to the benefit of native WCT. That portion of the project on National Forest System Lands are either managed as roadless or wilderness.

F. What was the cause of habitat degradation in the area of this project and how will the project correct the cause?:

Stocking of non-native Rainbow Trout and Brook Trout starting in the early 1900's

G. What public benefits will be realized from this project?:

For those interested the ability to catch Montana's state fish in its natal habitat. Prevention of listing under the Endangered Species Act will also lessen impact on anglers, tax base, government regulation, and ability for the State to manage fisheries resources.

H. Will the project interfere with water or property rights of adjacent landowners? (explain):

There are no privately held adjacent landowners near the project.

I. Will the project result in the development of commercial recreational use on the site?: (explain):

No

J. Is this project associated with the reclamation of past mining activity?:

No

Each approved project applicant must enter into a written agreement with Montana Fish, Wildlife & Parks specifying terms and duration of the project. The applicant must obtain all applicable permits prior to project construction. A competitive bid process must be followed when using State funds.

IV. AUTHORIZING STATEMENT

I (we) hereby declare that the information and all statements to this application are true, complete, and accurate to the best of my (our) knowledge and that the project or activity complies with rules of the Future Fisheries Improvement Program.

Applicant Signature:

Carter Krause

Date:

5/31/18

Sponsor (if applicable):

***Highlighted boxes will automatically expand.**

Mail To: Montana Fish, Wildlife & Parks
Fisheries Division
PO Box 200701
Helena, MT 59620-0701

E-mail To: Michelle McGree
mmcgree@mt.gov
(electronic submissions MUST be signed)

Incomplete or late applications will be rejected and returned to applicant.
Applications may be rejected if this form is modified.

*****Applications must be signed and *received* by the Future Fisheries Program Officer in Helena *before* December 1 and June 1 of each year to be considered for the subsequent funding period.*****

North Fork Spanish Creek barrier supplement
BUDGET TEMPLATE SHEET FOR FUTURE FISHERIES PROGRAM APPLICATIONS

Both tables must be completed or the application will be returned

WORK ITEMS (ITEMIZE BY CATEGORY)	NUMBER OF UNITS	UNIT DESCRIPTION*	COST/UNIT	TOTAL COST	CONTRIBUTIONS			
					FUTURE FISHERIES REQUEST	IN-KIND SERVICES**	IN-KIND CASH	TOTAL
Personnel***								
Engineering	1	LS	\$ 30,000.00	\$ 30,000.00			\$ 30,000.00	\$ 30,000.00
			Sub-Total	\$ 30,000.00	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00
Travel								
				\$ -				\$ -
			Sub-Total	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Materials****								
Fill/Exca.	5400	YD	\$ 20.00	\$ 108,000.00			\$ 108,000.00	\$ 108,000.00
Concrete	155	YD	\$ 898.00	\$ 139,190.00	\$ 27,500.00		\$ 111,690.00	\$ 139,190.00
Rip Rap/Gravel	235	YD	\$ 357.00	\$ 83,895.00			\$ 83,895.00	\$ 83,895.00
				\$ -				\$ -
				\$ -				\$ -
				\$ -				\$ -
				\$ -				\$ -
				\$ -				\$ -
			Sub-Total	\$ 331,085.00	\$ 27,500.00	\$ -	\$ 303,585.00	\$ 331,085.00
Equipment and Labor								
Pit Tests	1	LS	\$ 11,053.00	\$ 11,053.00			\$ 11,053.00	\$ 11,053.00
Dewatering	1	LS	\$ 63,767.00	\$ 63,767.00			\$ 63,767.00	\$ 63,767.00
				\$ -				\$ -
				\$ -				\$ -
				\$ -				\$ -
				\$ -				\$ -
			Sub-Total	\$ 74,820.00	\$ -	\$ -	\$ 74,820.00	\$ 74,820.00
Mobilization								
Mobilization	1	LS	\$ 23,759.00	\$ 23,759.00			\$ 23,759.00	\$ 23,759.00
				\$ -				\$ -
				\$ -				\$ -
				\$ -				\$ -
			Sub-Total	\$ 23,759.00	\$ -	\$ -	\$ 23,759.00	\$ 23,759.00
TOTALS				\$ 459,664.00	\$ 27,500.00	\$ -	\$ 432,164.00	\$ 459,664.00

North Fork Spanish Creek barrier supplement
BUDGET TEMPLATE SHEET FOR FUTURE FISHERIES PROGRAM APPLICATIONS

OTHER REQUIREMENTS:

All of the columns in the budget table and the matching contribution table MUST be completed appropriately or the application will be invalid. Please see the example budget sheet for additional clarification.

*Units = feet, hours, inches, etc. Do not use lump sum unless there is no other way to describe the costs.

**Can include in-kind materials. Justification for in-kind labor (e.g. hourly rates used for calculations). Describe here or in text.

Reminder: Government salaries cannot be used as in-kind match

***The Review Panel suggests that design and oversight costs associated with a proposed project not exceed 15% of the total project budget. If design and oversight costs are in excess of 15%, applications must include a minimum of two competitive bids for the cost of undertaking the project.

****The Review Panel recommends a maximum fencing cost of \$1.50 per foot. Additional costs may be the responsibility of the applicant and/or partners.

MATCHING CONTRIBUTIONS (do not include requested funds)

CONTRIBUTOR	IN-KIND SERVICE	IN-KIND CASH	TOTAL	Secured? (Y/N)
National Fish and Wildlife Foundation	\$ -	\$ 90,000.00	\$ 90,000.00	Y
NorthWestern Energy	\$ -	\$ 75,000.00	\$ 75,000.00	Y
Turner Enterprises, Inc.	\$ 30,000.00	\$ 40,000.00	\$ 70,000.00	Y
Custer Gallatin National Forest	\$ -	\$ 47,500.00	\$ 47,500.00	Y
Future Fisheries	\$ -	\$ 60,000.00	\$ 60,000.00	Y
Western Native Trout Initiative	\$ -	\$ 15,000.00	\$ 15,000.00	Y
Madison Gallatin Trout Unlimited	\$ -	\$ 30,000.00	\$ 30,000.00	Y
Montana Trout Unlimited	\$ -	\$ 5,000.00	\$ 5,000.00	Y
Region 1, US Forest Service	\$ -	\$ 30,000.00	\$ 30,000.00	Y
Arctic Grayling Recovery Fund	\$ -	\$ 10,000.00	\$ 10,000.00	Y
TOTALS	\$ 30,000.00	\$ 402,500.00	\$ 432,500.00	

Base/Option	Description	Detailed Description	Unit	QTY	Unit Price	Ext
Base	Mob	Mobilization	LS	1	23759	\$ 23,759.00
Base	Surv.	Surveying and Testing	LS	1	11053	\$ 11,053.00
Base	Eros	Erosion Control/Stream Diversion/Restoration	LS	1	63767	\$ 63,767.00
Base	Fill	General Fill and Excavation	YD	5400	20	\$ 108,000.00
Base	Riprap	RipRap and Aggregate	YD	235	357	\$ 83,895.00
Base	Concrete	Concrete and Placement	YD	155	898	\$ 139,190.00
					0	\$ -
			Total Base			\$ 429,664.00
			Total Options			\$ -
			Total Base Plus Options			\$ 429,664.00

Summary	Mobilization					Base
	Date	PROJECT NAME		Solicitation No.	Wage Determination	
	6/14/2017	North Fork Spanish Creek Fish Barrier		-	Private	
		LOCATION		G&A	FEE	
		Madison County, MT		11.46%	8.00%	
	Customer	Turner Enterprises, Inc.			BOND	
	Address	901 Technology Blvd			0.00%	
	City,State,ZIP	Bozeman, MT 59718			State Dept of Revenue Tax	
	CO	0			MT	1.00%
	Phone	0			Total	
	Email	0			\$23,759	
		SUBTOTAL	OVERHEAD	FEE	BOND	Dept of Revenue Tax
TOTALS		\$19,542	\$2,239	\$1,742	\$0	\$235

Labor	CODE	Activity	HOURS	RATE	TRIP Rate	TOTALS	COSTS
		Super	90	\$61.53	-	5,537.70	\$5,537.70
				\$0.00	-	0.00	\$0.00
			Tot.	0.00			
			Tot. Super	90.00	TOTAL \$5,537.70		

Equipment	Class	DESCRIPTION			PRICE	UNIT	QTY.	EXTENSION
					\$0.00	Week		\$0.00
		Rental	Tax	Fuel Rate	Price	Unit	QTY	EXTENSION
					\$0.00	Week		\$0.00
	Fuel	Equipment Fuel		-	\$0.00	Week	1	\$0.00
							TOTAL	\$0

Materials		DESCRIPTION	Tax	PRICE	UNIT	QTY.	EXTENSION
				\$0.00			\$0.00
				\$0.00			\$0.00
	TOTAL						\$0

SubCont	Sub Name	Description	PRICE	UNIT	QTY.	EXTENSION
			\$0.00			\$0.00
			\$0.00			\$0.00
	TOTAL					\$0

Misc.	Detail	DESCRIPTION	PRICE	UNIT	QTY.	EXTENSION
		Lodging	\$1.00		9	\$9.00
		Porta Pottie	\$0.00			\$0.00
		Per Diem	\$55.00		9	\$495.00
		Mob/Demob	\$13,500.00		1	\$13,500.00
		Rental Mobilization	\$0.00			\$0.00
	TOTAL					\$14,004

Summary	Surveying and Testing					Base	
	Date	PROJECT NAME			Solicitation No.	Wage Determination	
	6/14/2017	North Fork Spanish Creek Fish Barrier				Private	
		LOCATION			G&A	FEE	
		Madison County, MT		11.46%		8.00%	
						BOND	
	Customer	Turner Enterprises, Inc.				0.00%	
	Address	901 Technology Blvd				State Dept of Revenue Tax	
	City,State,ZIP	Bozeman, MT 59718				MT	1.00%
	CO	0				Total	
	Phone	0					
	Email	0					
		SUBTOTAL	OVERHEAD	FEE	BOND	Dept of Revenue Tax	
TOTALS	\$9,092	\$1,042	\$811	\$0	\$109		

Labor	CODE	Activity	HOURS	RATE	TRIP Rate	TOTALS	COSTS
		Laborer	60	\$27.07	-	1,624.20	\$1,624.20
		Laborer OT	30	\$40.61	-	1,218.30	\$1,218.30
				\$0.00	-	0.00	\$0.00
			Tot.	90.00			
		Tot. Super	0.00			TOTAL	\$2,842.50

Equipment	Class	DESCRIPTION			PRICE	UNIT	QTY.	EXTENSION
					\$0.00	Week		\$0.00
		Rental	Tax	Fuel Rate	Price	Unit	QTY	EXTENSION
					\$0.00	Week		\$0.00
	Fuel	Equipment Fuel		-	\$0.00	Week	1	\$0.00
							TOTAL	\$0

Material		DESCRIPTION	Tax	PRICE	UNIT	QTY.	EXTENSION
				\$0.00			\$0.00
							TOTAL

SubCont	Sub Name	Description		PRICE	UNIT	QTY.	EXTENSION
		Dowl HKM	-	\$5,745.00	LS	1	\$5,745.00
				\$0.00			\$0.00
					TOTAL		\$5,745

Misc.	Detail	DESCRIPTION		PRICE	UNIT	QTY.	EXTENSION
		Lodging		\$1.00		9	\$9.00
		Porta Pottie		\$0.00			\$0.00
		Per Diem		\$55.00		9	\$495.00
		Mob/Demob		\$0.00		1	\$0.00
		Rental Mobilization		\$0.00			\$0.00
					TOTAL		\$504

Summary	Erosion Control/Stream Diversion/Restoration					Base
	Date	PROJECT NAME		Solicitation No.	Wage Determination	
	6/14/2017	North Fork Spanish Creek Fish Barrier		-	Private	
		LOCATION		G&A	FEE	
		Madison County, MT		11.46%	8.00%	
	Customer	Turner Enterprises, Inc.			BOND	
	Address	901 Technology Blvd			0.00%	
	City,State,ZIP	Bozeman, MT 59718			State Dept of Revenue Tax	
	CO	0			MT	1.00%
	Phone	0			Total	
	Email	0			\$63,767	
		SUBTOTAL	OVERHEAD	FEE	BOND	Dept of Revenue Tax
TOTALS		\$52,448	\$6,011	\$4,677	\$0	\$631

Labor	CODE	Activity	HOURS	RATE	TRIP Rate	TOTALS	COSTS
		Operator	300	\$31.99	-	9,597.00	\$9,597.00
		Operator OT	150	\$46.76	-	7,014.00	\$7,014.00
		Laborer	180	\$27.07	-	4,872.60	\$4,872.60
		Laborer OT	90	\$40.61	-	3,654.90	\$3,654.90
		Super	90	\$61.53	-	5,537.70	\$5,537.70
				\$0.00	-	0.00	\$0.00
		Tot.	720.00				
		Tot. Super	90.00			TOTAL	\$30,676.20

Equipment	Class	DESCRIPTION			PRICE	UNIT	QTY.	EXTENSION	
	Heavy	Excavator w/thumb			\$1,457.25	Week	1	\$1,457.25	
	Heavy	Breaker Attachment			\$913.50	Week	1	\$913.50	
	Mid	Mid Excavator (PC88)			\$1,022.25	Week	1	\$1,022.25	
	Mid	Tracked Loader (Bobcat 870T0			\$891.75	Week	2	\$1,783.50	
	Misc	108" Bobcat Grader			\$261.00	Week	1	\$261.00	
	Heavy	Sheeps Foot Compactor			\$1,131.00	Week	1	\$1,131.00	
	Mid	Wacker Roller			\$555.06	Week	1	\$555.06	
	Mid	Truck			\$217.50	Week	3	\$652.50	
					\$0.00	Week		\$0.00	
		Rental		Tax	Fuel Rate	Price	Unit	QTY	EXTENSION
						\$0.00	Week		\$0.00
Fuel	Equipment Fuel		MT/M	-	\$3,300.00	Week	1	\$3,300.00	
						TOTAL		\$11,076	

Materials		DESCRIPTION	Tax	PRICE	UNIT	QTY.	EXTENSION
	L&M	Silt Fence	MT/M	\$79.95	Roll	5	\$399.75
		Seeding	MT/M	\$750.00	Bag	2	\$1,500.00
		Coconut Fiber Blanket	MT/M	\$56.00	roll	60	\$3,360.00
		Geotech Fabric	MT/M	\$450.00	Roll	2	\$900.00
				\$0.00			\$0.00
						TOTAL	\$6,160

SubCont	Sub Name	Description	PRICE	UNIT	QTY.	EXTENSION
			\$0.00			\$0.00
					TOTAL	\$0

Misc.	Detail	DESCRIPTION	PRICE	UNIT	QTY.	EXTENSION
		Lodging	\$1.00		81	\$81.00
		Porta Pottie	\$0.00			\$0.00
		Per Diem	\$55.00		81	\$4,455.00
		Mob/Demob	\$0.00			\$0.00
		Rental Mobilization	\$0.00			\$0.00
					TOTAL	\$4,536

General Fill and Excavation					Base	
Date	PROJECT NAME	Solicitation No.		Wage Determination		
6/14/2017	North Fork Spanish Creek Fish Barrier	-		Private		
	LOCATION	G&A		FEE		
	Madison County, MT	11.46%		8.00%		
Customer	Turner Enterprises, Inc.				BOND	
Address	901 Technology Blvd				0.00%	
City,State,ZIP	Bozeman, MT 59718				State Dept of Revenue Tax	
CO	0				MT	1.00%
Phone	0					
Email	0				Total	
					\$110,258	
	SUBTOTAL	OVERHEAD	FEE	BOND	Dept of Revenue Tax	
TOTALS	\$90,687	\$10,393	\$8,086	\$0	\$1,092	

	CODE	Activity	HOURS	RATE	TRIP Rate	TOTALS	COSTS
Labor		Operator	600	\$31.99	-	19,194.00	\$19,194.00
		Operator OT	300	\$46.76	-	14,028.00	\$14,028.00
		Laborer	300	\$27.07	-	8,121.00	\$8,121.00
		Laborer OT	150	\$40.61	-	6,091.50	\$6,091.50
		Super	150	\$61.53	-	9,229.50	\$9,229.50
				\$0.00	-	0.00	\$0.00
			Tot.	1350.00			
			Tot. Super	150.00			
					TOTAL	\$56,664.00	

Equipment	Class	DESCRIPTION			PRICE	UNIT	QTY.	EXTENSION
	Heavy	Excavator w/thumb			\$1,457.25	Week	2	\$2,914.50
	Heavy	Breaker Attachment			\$913.50	Week	3	\$2,740.50
	Mid	Mid Excavator (PC88)			\$1,022.25	Week	2	\$2,044.50
	Mid	Tracked Loader (Bobcat 870T0			\$891.75	Week	4	\$3,567.00
	Misc	108" Bobcat Grader			\$261.00	Week	2	\$522.00
	Heavy	Sheeps Foot Compactor			\$1,131.00	Week	2	\$2,262.00
	Mid	Wacker Roller			\$555.06	Week	2	\$1,110.12
	Mid	Truck			\$217.50	Week	6	\$1,305.00
	Misc	Rock Grizzly			\$108.75	Week	2	\$217.50
					\$0.00	Week		\$0.00
		Rental	Tax	Fuel Rate	Price	Unit	QTY	EXTENSION
					\$0.00	Week		\$0.00
	Fuel	Equipment Fuel	MT/M	-	\$6,600.00	Week	1	\$6,600.00
						TOTAL	\$23,283	

Materials		DESCRIPTION	Tax	PRICE	UNIT	QTY.	EXTENSION
	Kenyon	Gravel Bedding	MT/M	\$8.50	Ton	120	\$1,020.00
		Gravel Haul	MT/M	\$11.00	TOn	120	\$1,320.00
				\$0.00			\$0.00
	TOTAL						\$2,340

	Sub Name	Description	PRICE	UNIT	QTY.	EXTENSION
SubCont			\$0.00			\$0.00
				TOTAL	\$0	

Misc.	Detail	DESCRIPTION		PRICE	UNIT	QTY.	EXTENSION
		Lodging		\$1.00		150	\$150.00
		Porta Pottie		\$0.00			\$0.00
		Per Diem		\$55.00		150	\$8,250.00
		Mob/Demob		\$0.00			\$0.00
		Rental Mobilization		\$0.00			\$0.00
					TOTAL		\$8,400

Summary	RipRap and Aggregate					Base	
	Date	PROJECT NAME			Solicitation No.	Wage Determination	
	6/14/2017	North Fork Spanish Creek Fish Barrier			-	Private	
		LOCATION			G&A	FEE	
		Madison County, MT			11.46%	8.00%	
						BOND	
	Customer	Turner Enterprises, Inc.			0.00%		
	Address	901 Technology Blvd			State Dept of Revenue Tax		
	City,State,ZIP	Bozeman, MT 59718			MT		1.00%
CO	0						
Phone	0						
Email	0						
					Total		
					\$83,932		
	SUBTOTAL	OVERHEAD	FEE	BOND	Dept of Revenue Tax		
TOTALS	\$69,034	\$7,911	\$6,156	\$0	\$831		

Labor	CODE	Activity	HOURS	RATE	TRIP Rate	TOTALS	COSTS
		Operator	300	\$31.99	-	9,597.00	\$9,597.00
		Operator OT	150	\$46.76	-	7,014.00	\$7,014.00
		Laborer	180	\$27.07	-	4,872.60	\$4,872.60
		Laborer OT	90	\$40.61	-	3,654.90	\$3,654.90
		Super	90	\$61.53	-	5,537.70	\$5,537.70
				\$0.00	-	0.00	\$0.00
			Tot.	720.00			
		Tot. Super	90.00				
TOTAL						\$30,676.20	

Equipment	Class	DESCRIPTION			PRICE	UNIT	QTY.	EXTENSION
	Heavy	Excavator w/thumb			\$1,457.25	Week	1	\$1,457.25
	Heavy	Breaker Attachment			\$913.50	Week	1	\$913.50
	Mid	Mid Excavator (PC88)			\$1,022.25	Week	1	\$1,022.25
	Mid	Tracked Loader (Bobcat 870T0			\$891.75	Week	2	\$1,783.50
	Misc	108" Bobcat Grader			\$261.00	Week	1	\$261.00
	Heavy	Sheeps Foot Compactor			\$1,131.00	Week	1	\$1,131.00
	Mid	Wacker Roller			\$555.06	Week	1	\$555.06
	Mid	Truck			\$217.50	Week	3	\$652.50
					\$0.00	Week		\$0.00
	Rental		Tax	Fuel Rate	Price	Unit	QTY	EXTENSION
					\$0.00	Week		\$0.00
Fuel		Equipment Fuel	MT/M	-	\$3,300.00	Week	1	\$3,300.00
							TOTAL	\$11,076

Materials		DESCRIPTION	Tax	PRICE	UNIT	QTY.	EXTENSION
		Riprap	MT/M	\$40.00	Ton	446	\$17,840.00
		Haul	MT/M	\$11.00	Ton	446	\$4,906.00
				\$0.00			\$0.00
						TOTAL	\$22,746

SubCont	Sub Name	Description		PRICE	UNIT	QTY.	EXTENSION
				\$0.00			\$0.00
						TOTAL	\$0

Misc.	Detail	DESCRIPTION		PRICE	UNIT	QTY.	EXTENSION
		Lodging		\$1.00		81	\$81.00
		Porta Pottie		\$0.00			\$0.00
		Per Diem		\$55.00		81	\$4,455.00
		Mob/Demob		\$0.00			\$0.00
		Rental Mobilization		\$0.00			\$0.00
					TOTAL		\$4,536

Summary	Concrete and Placement					Base	
	Date	PROJECT NAME			Solicitation No.	Wage Determination	
	6/14/2017	North Fork Spanish Creek Fish Barrier			-	Private	
		LOCATION			G&A	FEE	
		Madison County, MT			11.46%	8.00%	
						BOND	
	Customer	Turner Enterprises, Inc.			0.00%		
	Address	901 Technology Blvd			State Dept of Revenue Tax		
	City,State,ZIP	Bozeman, MT 59718			MT	1.00%	
	CO	0					
Phone	0			Total			
Email	0			\$139,175			
		SUBTOTAL	OVERHEAD	FEE	BOND	Dept of Revenue Tax	
TOTALS		\$114,472	\$13,118	\$10,207	\$0	\$1,378	

Labor	CODE	Activity	HOURS	RATE	TRIP Rate	TOTALS	COSTS
		Operator	450	\$31.99	-	14,395.50	\$14,395.50
		Operator OT	225	\$46.76	-	10,521.00	\$10,521.00
		Concrete	270	\$27.07	-	7,308.90	\$7,308.90
		Concrete OT	135	\$40.61	-	5,482.35	\$5,482.35
		Super	135	\$61.53	-	8,306.55	\$8,306.55
				\$0.00	-	0.00	\$0.00
			Tot.	1080.00			
			Tot. Super	135.00			
						TOTAL	\$46,014.30

Equipment	Class	DESCRIPTION			PRICE	UNIT	QTY.	EXTENSION
	Heavy	Excavator w/thumb			\$1,457.25	Week	1.5	\$2,185.88
	Heavy	Breaker Attachment			\$913.50	Week	1.5	\$1,370.25
	Mid	Mid Excavator (PC88)			\$1,022.25	Week	1.5	\$1,533.38
	Mid	Tracked Loader (Bobcat 870T0			\$891.75	Week	3	\$2,675.25
	Misc	108" Bobcat Grader			\$261.00	Week	1.5	\$391.50
	Heavy	Sheeps Foot Compactor			\$1,131.00	Week	1.5	\$1,696.50
	Mid	Wacker Roller			\$555.06	Week	1.5	\$832.59
	Mid	Truck			\$217.50	Week	4.5	\$978.75
	Misc	Concrete Forms			\$543.75	Week	1.5	\$815.63
					\$0.00	Week		\$0.00
		Rental	Tax	Fuel Rate	Price	Unit	QTY	EXTENSION
					\$0.00	Week		\$0.00
Fuel	Equipment Fuel	MT/M	-	\$4,950.00	Week	1	\$4,950.00	
						TOTAL	\$17,430	

Materials		DESCRIPTION	Tax	PRICE	UNIT	QTY.	EXTENSION
	Kenyon	Concrete	MT/M	\$145.00	YD	155	\$22,475.00
	Kenyon	Fiber	MT/M	\$7.00	YD	155	\$1,085.00
	Kenyon	Lumber	MT/M	\$400.00	LS	1	\$400.00
	Teton Steel	Rebar and Dowls	MT/M	\$17,200.00	LS	1	\$17,200.00
	NWP	Vent Piping	MT/M	\$23.20	EA	8	\$185.60
	Macon	Cure and Seal	MT/M	\$125.00	5gal	2	\$250.00
	Macon	Water Stop and Expansion Joint	MT/M	\$625.00	LS	1	\$625.00
	Macon	Core Dowl Adhesive	MT/M	\$39.50	EA	50	\$1,975.00
				\$0.00			\$0.00
							TOTAL
							\$44,196

SubCont	Sub Name	Description	PRICE	UNIT	QTY.	EXTENSION
			\$0.00			\$0.00
						TOTAL
					\$0	

Misc.	Detail	DESCRIPTION	PRICE	UNIT	QTY.	EXTENSION
		Lodging	\$1.00		122	\$122.00
		Porta Pottie	\$0.00			\$0.00
		Per Diem	\$55.00		122	\$6,710.00
		Mob/Demob	\$0.00			\$0.00
		Rental Mobilization	\$0.00			\$0.00
						TOTAL
					\$6,832	